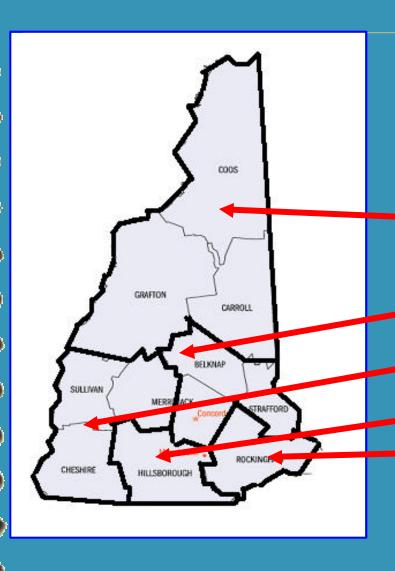


UST Inspections



UST Facilities: 2000

Inspectors: 5

Vacant Position

- Rob Stockman

Christie Peshka

Harding Schofield

Spruce Wheelock

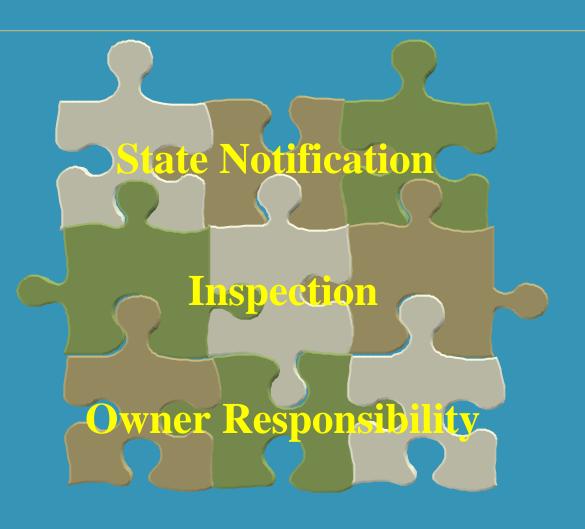
Inspect all Facilities: 2 Years

Purpose of UST Inspections

To prevent releases and minimize contamination of the land and waters of the state.

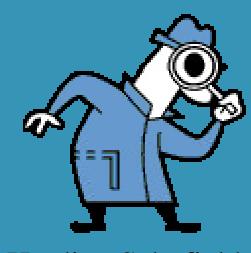


NH's UST Inspection Process





State UST Inspection



Harding Schofield



Document Review



Registration Form







Inventory Reports



Document Review

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Post UST Certificate







Document Review



Corrosion Protection Documentation

6 Month Test Results



3 Year Test Results

Closure Reports

Whenever tanks are removed from the ground or closed in place



Other Testing Documentation

Annual Line Leak Detector Test

Annual Leak Monitor Test

Annual Release Detection Test





- Delivery Spills
- Overfills
- System Releases
- Corrosion
- Loss of Vapors



To Prevent Delivery Spills







Overfills Types

Flapper Valves

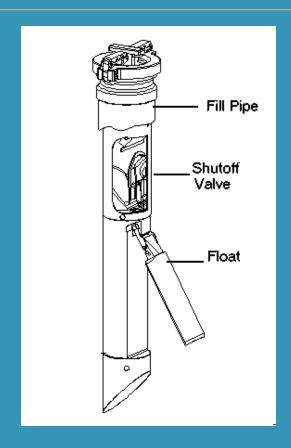
Ball Floats

Audible Alarms



To Prevent Overfilling





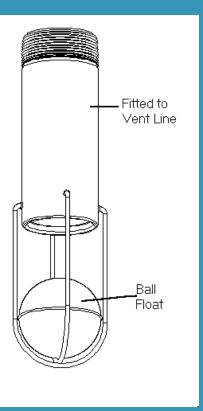


Flapper Valve

To Prevent Overfilling



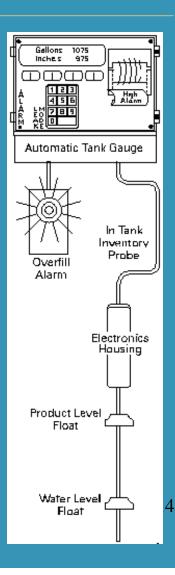
Ball Float



To Prevent Overfilling









- From Tanks
- Piping and Piping Equipment
- Dispensers



To Prevent Releases Tanks



Monitors (Consoles)

- Operation
- Annual tests







Automatic Tank Gauging

-Operation



To Prevent Releases Piping

Tank Sump Inspection

Line leak detector (Pressurized Systems Only)

Water / product

Sensors



To Prevent Releases Piping (cont)

Intermediate Sump Inspection



-Water / product

-Sensors \







Check valve

Water / product

Corrosion Protection

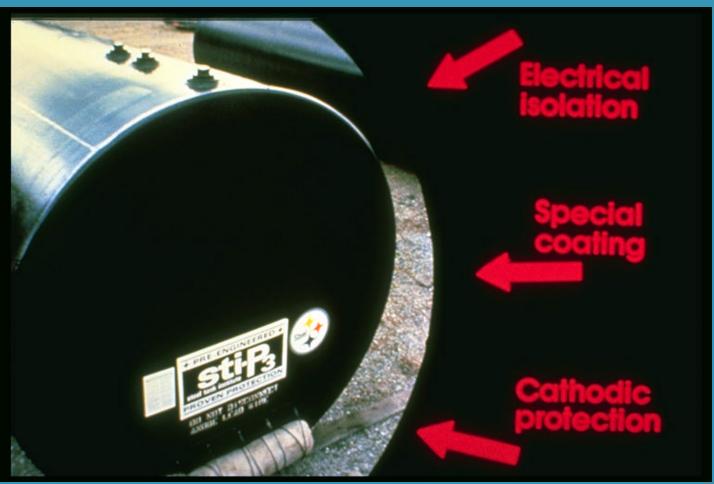


Sensors (Optional)

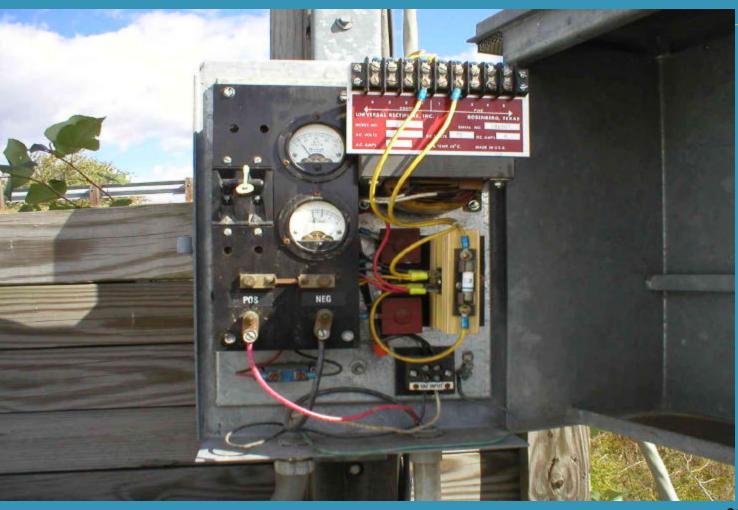
To Prevent Corrosion



Sacrificial Anodes



To Prevent Corrosion





To Prevent Loss of Vapors



To Prevent Loss of Vapors

•Stage II

Vapor Collection from Vehicle



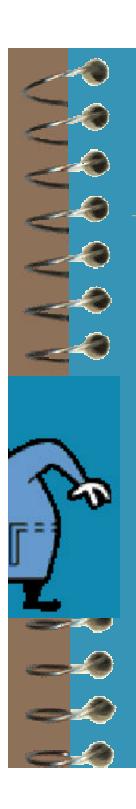
Exit Interview

 Review Checklist with Operator/Owner/Contractor





• Provide Written Documentation



State UST Inspection

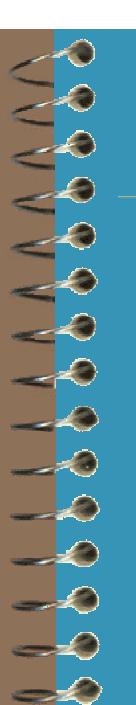


Facility Owners Responsibility

- Compliance
 - Continue Job well done
- Non-compliance
 - 30/45 days
 - Contractor
 - Repairs
 - Reports

Summary





Where to Get More Information

- www.des.state.nh.us
- 603-271-3644
- Handouts
- Fact sheets
- Ask the Inspector

In The Meantime.....

Underground Storage Tank System Frequent Walk-Through Inspections



You should conduct basic walk-through inspections of your facility at least monthly to make sure that your essential equipment is working properly and that you have release response supplies on hand.

This inspection would not be as thorough as following the <u>Compilance Audit Checklist for Third Party Inspections</u>, but can provide a quick overview you can do more often than the longer checklist. You might think of this level of inspection as sort of like the dashboard indicators we respond to in our automobiles that provide us with status warnings like "low battery."

When you perform your walk-through inspection you should quickly check at least the following:

- Release Detection System: is your release detection equipment working properly?
 For example, did you run a quick 'self-lest' of the ATG or interstitial monitoring system
 to verify it's working properly? Testing is required annually. Or did you check your
 manual dipstick to make sure it's not warped or worn?
- Spill Buckets: Are spill buckets clean, empty, and in good shape?
- Overfill Alarm (if you have one): is your overfill alarm working and easily seen or heart?
- Impressed Current Cathodic Protection System (if you have one): is your cathodic protection system turned on? Are you checking your rectifier at least every 60 days?
 Testing is required every three years.
- Fill and Monitoring Ports: Are covers and caps tightly sealed?
- Spill and Overfill Response Supplies: Do you have the appropriate supplies for cleaning up a spill or overfill to be used in emergency situations?

in addition, good UST site management should also include the following quick visual checks:

- Dispenser Hoses, Nozzies, and Breakaways: Are they in good condition and working property?
- Dispenser and Dispenser Sumps: Any signs of leaking? Are the sumps clean and emoty?
- Piping Sumps: Any signs of leaking? Are the sumps clean and empty?
- Line Leak Detector (pressured piping systems): Any visual signs of leakage? Testing
 the line leak detector is required annually.

If you find any problems during the inspection, you or your UST contractor need to take action guickly to resolve these problems and avoid serious releases.

A frequent walk-through checklist is provided for your use on the next page.

Questions? Please contact the NHDES - UST at (603) 271-3644

Frequent Walk-Th	rough	Inspe	ection	Check	list	
Date of Inspection						
Release Detection System: Inspect for proper operation.						20 30
Spill Buokets: Ensure spill buckets are clean and empty.						
Overfill Alarm: Inspect for proper operation. Can a delivery person hear or see the alarm when it alarms?						
Impressed Current System: Inspect for proper operation.				5)		
Fill and Monitoring Ports: Inspect all fillimonitoring ports and other access points to make sure that the covers and caps are tightly sealed and locked.						S.
8pill and Overfill Response Supplies: Inventory and inspect the emergency spill response supplies, if the supplies are low, restock the supplies, inspect supplies for deterioration and improper functioning.	alica i					Sec
Dispenser Hoses, Nozzies, and Breakaways: Inspect for loose fittings, deterioration, obvious signs of leakage, and Improper functioning.						
Dispenser and Dispenser Sumps: Open each dispenser and inspect all visible piping, tittings, and couplings for any signs of leakage. If any water or product is present, remove it and dispose of it properly. Remove any debris from the sump.						
Plping Sumps: Inspect all visible plping, fittings, and couplings for any signs of leakage. If any water or product is present, remove it and dispose of it properly. Remove any debris from the sump.						

Your initials in each box below the date of the inspection indicate that the device/system was inspected and OK on that date.